ARMSCOR

MANUAL FOR
CAL. 22 AIR RIFLE

WARNING

READ THE INSTRUCTIONS AND SAFETY PRECAUTIONS IN THIS MANUAL CAREFULLY BEFORE USING THIS FIREARM.

DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES TO KNOWN TO CAUSE BIRTH DEFECTS REPRODUCTIVE HARM AND OTHER SERIOUS PHYSICAL INJURY. HAVE ADEQUATE VENTILATION AT ALL TIMES. WASH YOUR HANDS THOROUGHLY AFTER EXPOSURE.

ARSMCOR STANDARD AIR RIFLE

The ARMSCOR air rifle is basically made for general enjoyment such as plinking, target shooting and for small game hunting. This CO_2 powered rifle costs as much less to purchase, maintain and shoot than a true firearm. It can be used with scopes that can be readily fitted to the scope groove provided on its bolt housing. The barrel is made of quality ordnance steel for long life, accuracy and durability.

The ARMSCOR air rifle can fire 11 to 14 effective shots per charge of CO_2 (NOTE: Effective shots refer to the number of shots without substantial fall in each pellet's trajectory). The cocking mechanism is conveniently adaptable bolt for right- handed and left- handed shooters in either standing or prone position. The accuracy is comparable to well-known brands of CO_2 rifles.

I ASSEMBLY

The air rifle is packed with a small amount of CO_2 stored in its air receiver. To assemble:

1. Unscrew air receiver hold - down stud nut.
2. Position barrel- receiver assembly on gunstock.
3. Insert air receiver hold – down stud through the gunstock hole.
4. Position the air receiver assembly until the hold- down stud is centered in the gunstock hole.
5. Tighten nut.

II DISASSEMBLY

To disassemble for cleaning and repair, expel the CO_2 first by cocking and shooting the rifle many times into the air until the CO_2 is exhausted. Then unlock the hammer.

1. Unscrew air receiver hold-down stud nut and remove gun stock from barrel-air receiver assembly
2. Punch-out trigger spring retaining pin and remove trigger spring.
3. Remove trigger pivot pin and trigger.
4. Loosen trigger housing hold-down screw, remove screw and trigger housing. CAUTION: Take hold of the hammer spring retainer as it is under pressure
5. Take out the hammer spring retainer with stem together with hammer spring.
6. Loosen barrel retainer screw and loosen barrel-air receiver band screw and take out the barrel
7. Unscrew bolt handle and take out the barrel.
8. Unscrew bolt housing retainer screw and separate bolt housing from the air receiver.
9. Unscrew charging valve retainer cap and pull out charging valve assembly.
10. Unscrew hammer cocking stud and slide out the hammer.
11. With the used of extra long screw driver, loosen air chamber.

12. Unscrew air receiver hold-down stud and pull out the air tube passage, then push out the air chamber assembly towards charging valve position.
13. To re-assemble, follow the reverse procedure as in disassembling.

III- CARE AND MAINTENANCE

1. Always treat every gun is a loaded gun.
2. Clean and oil the gun after every use by using a slightly oiled cloth to displace moisture.
3. Do not over- lubricate the gun.
4. Use standard lead pellets only. Steel balls are not recommended.
5. Do not cock bolt when safety latch is on safe position.
6. Be sure bolt is cocked when charging.
7. Do not charge rifle unless cylinder nozzle is clean, properly screwed and seated tightly to the rubber seal. Never charge a loaded gun.
8. Do not fire the gun without CO_2 charge.
9. Do not attempt to disassemble the gun when there is still pressure in the air receiver
10. In case of pellet stuck-up in the barrel, release the bolt lock and remove pellet by using 1/8" brass rod recharge (see No.#6 and No.#7). Never check the barrel by looking through the muzzle.
11. Always apply one drop of light oil in charging valve locator each time you load CO_2.
12. Never attempt to clean up a loaded gun.
13. Keep the gun in a safe and clean area. Do not store gun in a dusty or moisturizer area.
14. Never store a gun with bolt in cocked position or with slide in locked position.
15. Do not store fully charge with CO_2.
16. Always keep rifle with some pressure remaining in the air receiver.
17. Always check the gun when you receive it from someone or take it from storage.

SPECIFICATIONS

Caliber	.22
Overall Length	1.036 mm (40.75 inches)
Weight	2.5 kg. (5.5 lbs.)
Sight	Open Type Front Sight, Rocky Mountain Partridge Type Rear Sight w/ Serrated Blade for Elevation
Trigger	1.36 - 2.75 kg. (3.0 - 6.0 lbs.)
Cocking Effort	9.97 – 11.3 kg. (22.0 – 25.0 lbs.)
Length of Pull	339 mm (13.125 inches)
Safety	Positive Thumb Operated Safety
Muzzle	200 - 215 meters / sec (650 - 700 feet / second)

NOTE: One common cause of CO_2 leak is when dirt or harsh objects get into the pellet loading port and charging valve causing wear on the rubber o-ring. This air gun is packed with repair kit containing three (3) "O" Rings (i.e. pellet pusher "O" ring, charging valve "O" ring and inlet valve housing "O" ring) that can be easily installed following the given procedure.

	PART NAME	**PART NUMBER**
A-	Barrel Bolt Housing Assembly	1
	Barrel	2
	Bolt Housing	3
	Bolt Housing Plug	4
	Bolt Housing Retainer Screw	5
	Front Sight	6
	Front Sight Hood (for Executive or Retractable)	1408
	Front Sight Screw	90003
	Rear Sight Leaf	8
	Rear Sight Elevator	96004
	Rear Sight Screw (2 pcs)	90003

B- BOLT ASSEMBLY

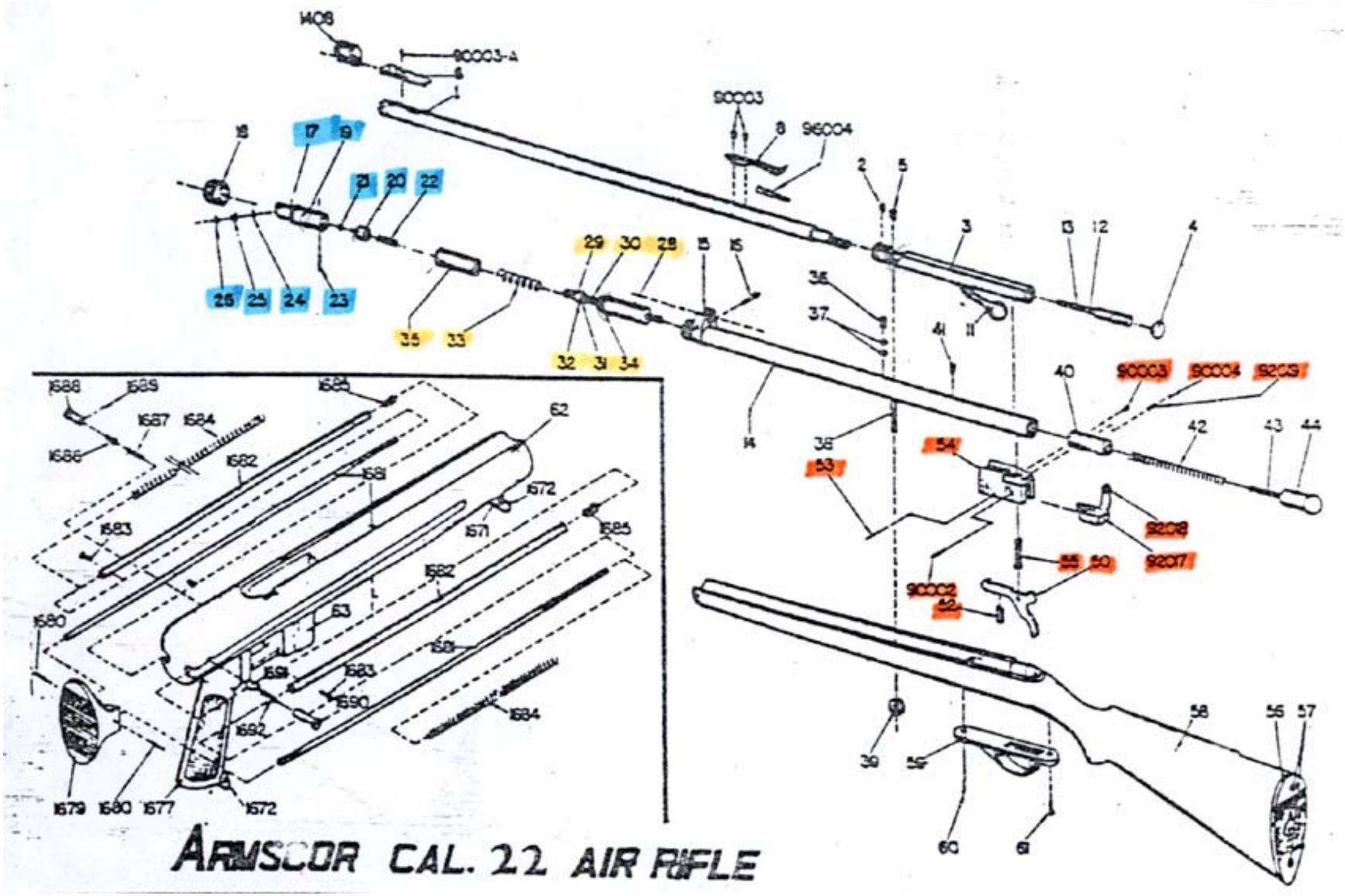
Bolt Handle	11
Bolt / Pellet Pusher	12
Pellet Pusher “O” Ring #006	13

C- AIR RECEIVER ASSEMBLY

Air Receiver	14
Air Receiver Band	15
Air Receiver Band Screw	16
Charging Valve	17
Charging Valve Retainer Cap	18
Charging Valve “O” Ring # 206	19
Inlet Valve Housing	20
Inlet Valve Housing “O” Ring # 006	21
Inlet Valve Spring	22
Inlet Valve Spring Retainer Pin	23
Charging Valve Filter Screw	24
Charging Valve CO_2 Cylinder Nozzle Locator	25
Charging Valve CO_2 Cylinder Nozzle Seat	26
Discharge Valve Seat	28
Discharge Valve Housing	29
Discharge Valve Stem	30
Discharge Valve Stem Washer	31
Discharge Valve Seal (Teflon)	32
Discharge Valve Spring	33
Discharge Valve “O” Ring # 206	34
Air Chamber	35
Air Tube Passage	36
Air Tube Passage “O” Ring # 007 (2 pc)	37
Air Receiver Hold Down Stud	38

	Air Receiver Hold Down Nut	39
	Air Receiver Hold Down Washer (not shown)	39-a
	Hammer	40
	Hammer Cocking Stud	41
	Hammer Spring	42
	Hammer Spring Guide Stem	43
	Hammer Spring Retainer	44
D-	TRIGGER HOUSING ASSEMBLY	
	Safety Latch	92017
	Safety Latch Screw	90003
	Safety Latch Spring	92019
	Safety Latch Bearing	90004
	Safety Latch Button	92019
	Trigger	50
	Trigger Pivot Pin	90002
	Trigger Spring	52
	Trigger Spring Pin	53
	Trigger Housing	54
	Trigger Housing Hold Down Screw	55
E-	GUNSTOCK ASSEMBLY (STD/EXEC)	
	Butt Plate (plastic)	56
	Butt Plate Screw (2 pc)	57
	Gunstock (ordinary or deluxe)	58
	Trigger Guard	59
	Trigger Guard Front Screw	60
	Trigger Guard Rear Screw	61
F-	RETRACTABLE GUNSTOCK ASSEMBLY	
	Retractable Gunstock	62

Trigger Guard Housing	63
Swivel Head	1671
Swivel Rings (2 pc)	1672
Swivel Screw (not shown)	1673
Trigger Housing Front Screw (not shown)	1675
Trigger Housing Rear Screw (not shown)	1676
Grip (plastic)	1677
Grip Screw (not shown)	1678
Butt Block	1679
Butt Block Retainer Pins (2 pc)	1680
Butt Block Extension Rods (2 pc)	1681
Extension Rod Housing (2 pc)	1682
Extension Rod Housing Retainer Screws (2 pc)	1683
Extension Rod Spring (2 pc)	1684
Extension Spring Retaining Plugs (2 pc)	1685
Extension Rod Stop Button Left	1686
Extension Rod Stop Button Spring	1687
Extension Rod Stop Button Bushing	1688
Extension Rod Stop Button Spring Retainer Pin	1689
Extension Rod Release Button	1690
Extension Rod Release Button Bushing	1691
Extension Rod Release Button Spring	1692



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